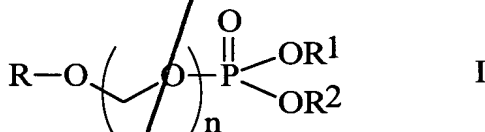


We claim:

1. A compound according to formula I:



wherein,

R-O- is a residue of <sup>a</sup> ~~an alcohol containing or~~  
phenol-containing pharmaceutical compound, excluding  
taxol,

R<sup>1</sup> is hydrogen or an alkali metal ion or a protonated  
amine or a protonated amino acid,

R<sup>2</sup> is hydrogen or an alkali metal ion or a protonated  
amine or a protonated amino acid, and

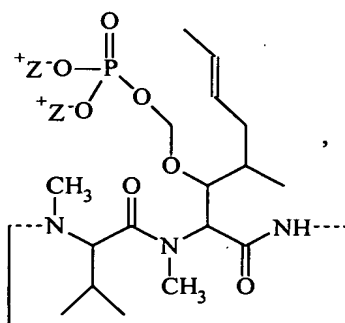
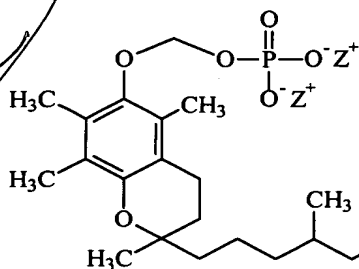
n is an integer of 1 or 2;

and pharmaceutically acceptable salts thereof.

2. The compound according to claim 1, wherein said  
alcohol-containing or phenol-containing compound is  
selected from the group consisting of camptothecin,  
camptothecin analogues, propofol, etoposide, vitamin E  
and cyclosporin A.

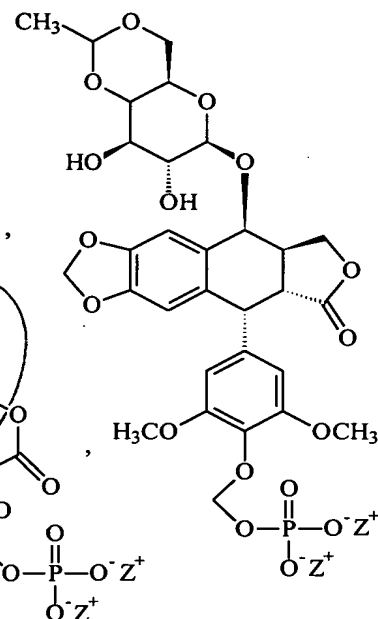
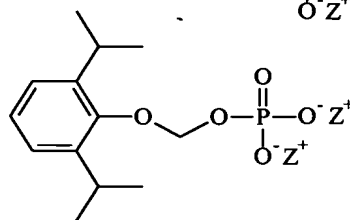
1            3. The compound according to claim 1, wherein the  
2 alkali metal ion of  $R^1$  and  $R^2$  is each independently  
3 selected from the group consisting of sodium, potassium  
4 and lithium.

1            4. A compound selected from the group consisting  
2 of:



Cyclosporin A

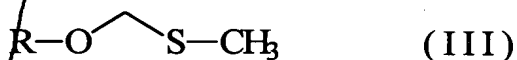
and



3 wherein Z is selected from the group consisting of  
4 hydrogen, alkali metal ion, and amine;  
5 and pharmaceutically acceptable salts thereof.

1            5. The compound according to claim 4, wherein each  
2 Z is independently selected from the group consisting of  
3 sodium, tromethamine, triethanolamine, triethylamine,  
4 arginine, lysine, ethanolamine and N-methylglucamine.

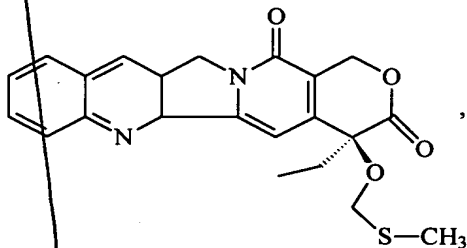
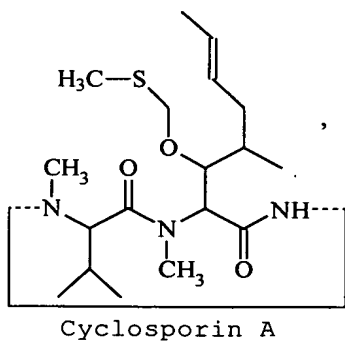
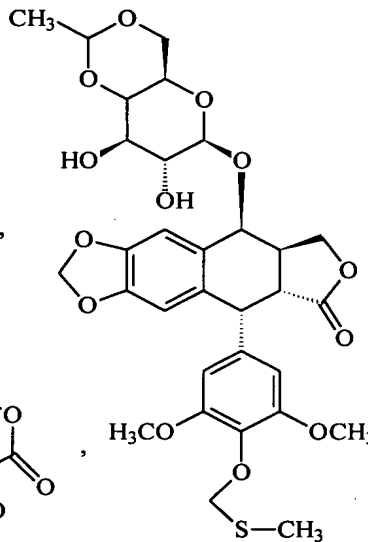
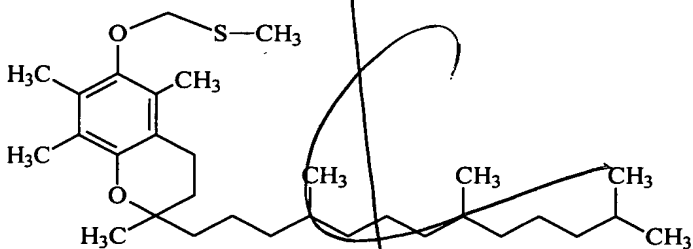
1 6. A compound according to formula III:



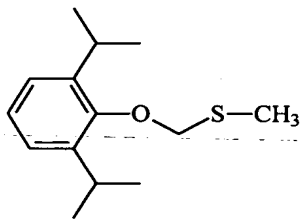
2 wherein,

3 R-O- is a residue of an alcohol-containing or  
4 phenol-containing pharmaceutical compound, excluding  
5 taxol;  
6 and pharmaceutically acceptable salts thereof.

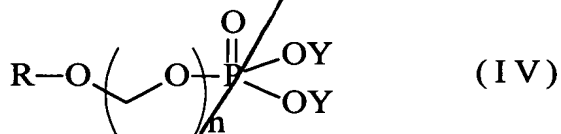
1 7. A compound according to claim 6, wherein said  
2 compound is selected from the group consisting of:



and



1 8. A compound according to formula IV:



wherein,

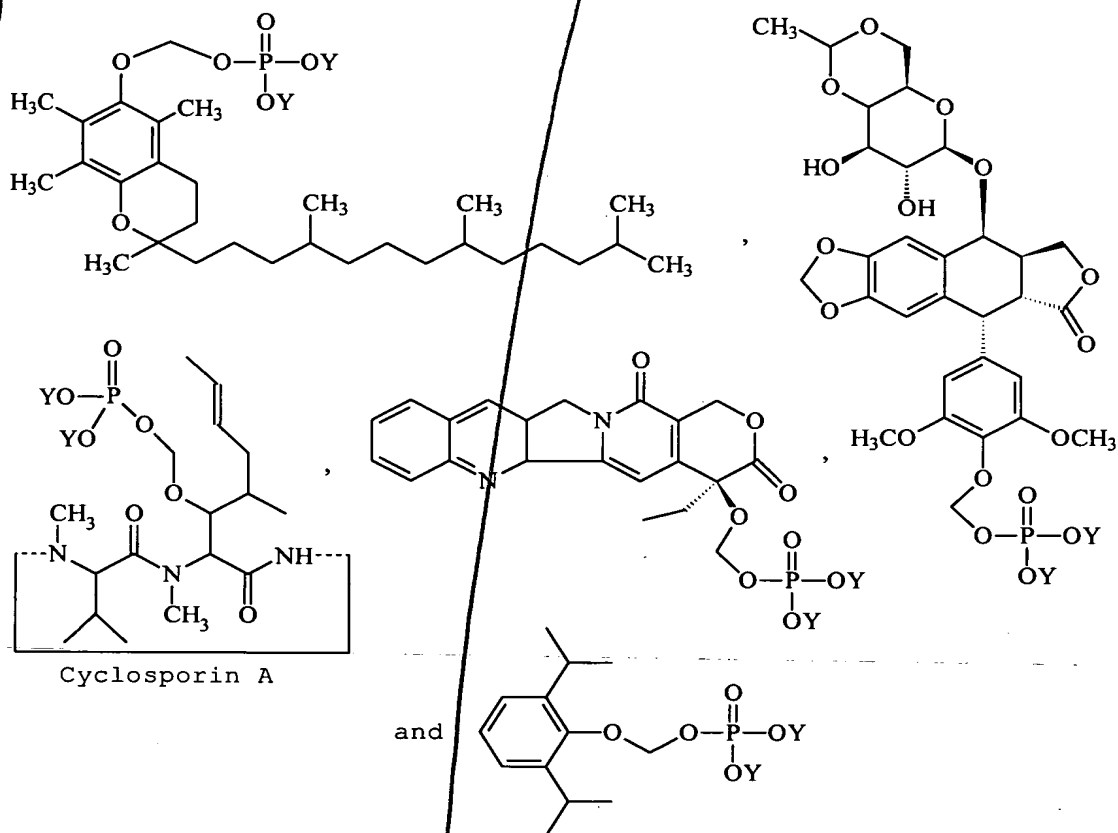
R-O- is a residue of <sup>a</sup> an ~~alcohol containing~~ or phenol-containing pharmaceutical compound, excluding taxol,

Y is a phosphono protecting group, and

n is an integer of 1 or 2;

and pharmaceutically acceptable salts thereof.

9. A compound according to claim 8, wherein said compound is selected from the group consisting of:



wherein Y is a phosphono protecting group.

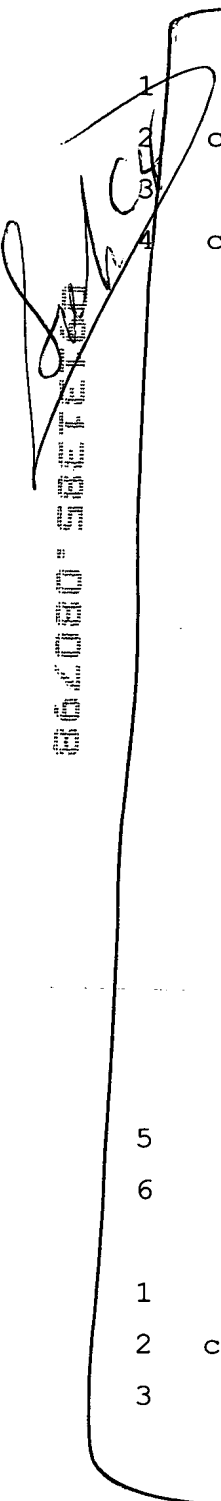
10. The compound according to claim 8, wherein said phosphono protecting group is selected from the group

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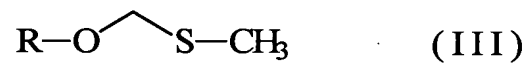
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4 wherein,  
5 R-O- is a residue of an alcohol-containing or  
6 phenol-containing pharmaceutical compound, excluding  
7 taxol,  
8 and pharmaceutically acceptable salts thereof,  
9 with dimethylsulfoxide in the presence of acetic  
10 anhydride and acetic acid; and  
11 recovering the product.

1 14. A process for preparing a compound of claim 7,  
2 comprising:  
3 reacting a compound according to formula III:



4 wherein,  
5 R-O- is a residue of an alcohol-containing or  
6 phenol-containing pharmaceutical compound, excluding  
7 taxol; and  
8 pharmaceutically acceptable salts thereof,  
9 with N-iodosuccinamide and a protected phosphoric acid of  
10 formula  $\text{HOP}(\text{O})(\text{OY})$ , wherein Y is a phosphono protecting  
11 group; and  
12 recovering the product.

1 15. The process according to claim 14; wherein the  
2 phosphono protecting group is selected from the group  
3 consisting of a benzyl group, a t-butyl group and an  
4 allyl group.

1 ~~16. A method of treatment which comprises~~  
2 ~~administering to a patient in need thereof an effective~~  
3 ~~amount of a composition according to claim 11.~~ *as a medicament*

